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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE APR 1 8 2000

In re Application of

Sadayuki Abeta, et al.

**Group 2700** 

Serial No.

09/446,560

Filed

December 22, 1999

Title

CDMA RECEIVER AND CDMA TRANSCEIVER

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants respectfully submit this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98. An Information Disclosure Citation List and a copy of each document listed therein are enclosed.

The Examiner is requested to consider the enclosed documents, make them of record, and indicate his or her consideration of the documents by initialing the enclosed Citation List adjacent the citation of each document.

References C1, C3, C5, and C7 are cited in the specification herein. Reference C1 in English corresponds to reference C2 in Japanese. Reference C3 in English corresponds to reference C4 in Japanese. Reference C7 in English corresponds to reference C8 in Japanese. Reference C5 in English and reference C6 in Japanese each relate to a parallel pilot channel and a time-multiplexed pilot channel. The channel estimation method for the parallel pilot channel disclosed in reference C5 corresponds to the channel estimation method for a parallel pilot channel disclosed in reference C6; however, the channel estimation method for the time-multiplexed pilot channel disclosed in reference C5 is an improvement in weighting over the channel estimation method for a time-multiplexed pilot channel disclosed in reference C6. The channel estimation method for a

time-multiplexed pilot channel used in the present invention corresponds to the channel estimation method for a time-multiplexed pilot channel disclosed in reference C5.

Please return a copy of the initialed Citation form to the applicant's undersigned Attorney.

Respectfully submitted,

Dated: April 11, 2000

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMPLECEIVED Please type a plus sign (+) inside this box  $\rightarrow$  |+Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/446,560 **Application Number** TRANSMITTAL December 22, 1999 **Filing Date FORM** First Named Inventor Sadayuki Abeta, et al. (to be used for all correspondence after initial filing) Group Art Unit 2734 **Examiner Name** Not yet assigned 3815/91 Total Number of Pages in This Submission Attorney Docket Number ENCLOSURES (check all that apply) After Allowance Communication **Assignment Papers** Fee Transmittal Form to Group (for an Application) Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Appeal Communication to Group Amendment / Response Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition Routing Slip (PTO/SB/69) After Final Proprietary Information and Accompanying Petition Affidavits/declaration(s) To Convert a Status Letter Provisional Application Power of Attorney, Revocation Additional Enclosure(s) Extension of Time Request Change of Correspondence (please identify below): Address Information Citation form Terminal Disclaimer **Express Abandonment Request** (with 8 cited references) Small Entity Statement Information Disclosure Statement Request for Refund Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Matthew J. Marquardt Individual name Brown Raysman Millstein Felder & Steiner LLP 40997 Signature Date 4t11/2000 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: Matthew J. Marquardt Typed or printed name Date 11160 Signature

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